

ABSTRACT OF THE DISCLOSURE

A vibrator apparatus for inducing longitudinal vibrations in a well tubing or casing member for various operations, or for removing stuck tubing or casing. The apparatus includes a vibrator section with spaced apart rotatable shafts carrying eccentric weights and interconnected by timing gears. The shafts are driven by respective pressure fluid motors. The vibrator section is mounted on an isolator section including spaced apart pressure fluid cylinder assemblies for isolating vibrations generated by the apparatus from wellhead structure supporting the apparatus. A fluid flow circuit includes a pump, a manifold, flow control devices for generating fluid flow through the cylinder assemblies and accumulators for damping fluid pressure and flow fluctuations in the circuit.

DALLAS 1342777v1